

*AMENDMENTS TO THE CLAIMS*

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) An isolated nucleic acid molecule comprising a polynucleotide selected from a the group consisting of:

- (a) a polynucleotide encoding 8 to 180 contiguous amino acids from about 1 to about 188 of ~~the amino acid sequence contained in Figure 1~~ SEQ ID NO:2;
- (b) a polynucleotide encoding 8 to 180 contiguous amino acids from about 2 to about 188 of ~~the amino acid sequence contained in Figure 1~~ SEQ ID NO:2; and
- (c) the polynucleotide complement of the polynucleotide of (a) or (b); ~~and~~
- (d) ~~a polynucleotide at least 90% identical to the polynucleotide of (a), (b) or (c).~~

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Currently Amended) An isolated nucleic acid molecule comprising a polynucleotide encoding a polypeptide wherein, except for at least one conservative amino acid substitution, addition or deletion, said polypeptide has an amino acid sequence selected from the group consisting of:

- (a) 8 to 180 contiguous amino acids from about 1 to about 188 of ~~the amino acid sequence in Figure 1~~ SEQ ID NO:2; and
- (b) 8 to 180 contiguous amino acids from about 2 to about 188 of ~~the amino acid sequence in Figure 1~~ SEQ ID NO:2. and
- (c) the polynucleotide complement of the polynucleotide of (a) or (b).

7. (Previously Presented) The isolated nucleic acid molecule of claim 1, which is cDNA.

8. (Previously Presented) A recombinant vector comprising the nucleic acid molecule of claim 1 and a vector in operable linkage to a promoter.

9. (Canceled)

10. (Previously Presented) A recombinant host cell comprising the recombinant vector of claim 8 and a host cell.

11-12. (Canceled)

13-14. (Withdrawn)

15. (Canceled)

16-20. (Withdrawn)

21-42. (Canceled)

43-61. (Withdrawn)

62. (New) The isolated nucleic acid molecule of claim 6, which is cDNA.

63. (New) A recombinant vector comprising the nucleic acid molecule of claim 6 and a vector in operable linkage to a promoter.

64. (New) A recombinant host cell comprising the recombinant vector of claim 63 and a host cell.

65. (New) The isolated nucleic acid molecule of claim 6, which consists of between 12 and 40 nucleotides.

66. (New) The isolated nucleic acid molecule of claim 6, which consists of between 13 and 40 nucleotides.

67. (New) The isolated nucleic acid molecule of claim 66, which consists of at least 14 nucleotides.

68. (New) The isolated nucleic acid molecule of claim 66, which consists of at least 15 nucleotides.

69. (New) The isolated nucleic acid molecule of claim 66, which consists of at least 16 nucleotides.

70. (New) The isolated nucleic acid molecule of claim 66, which consists of at least 17 nucleotides.

71. (New) The isolated nucleic acid molecule of claim 66, which consists of at least 18 nucleotides.

72. (New) The isolated nucleic acid molecule of claim 66, which consists of at least 19 nucleotides.

73. (New) The isolated nucleic acid molecule of claim 66, which consists of at least 20 nucleotides.

74. (New) The isolated nucleic acid molecule of claim 66, which consists of at least 30 nucleotides.

75. (New) The isolated nucleic acid molecule of claim 1, which consists of between 12 and 40 nucleotides.

76. (New) The isolated nucleic acid molecule of claim 1, which consists of between 13 and 40 nucleotides.

77. (New) The isolated nucleic acid molecule of claim 76, which consists of at least 14 nucleotides.

78. (New) The isolated nucleic acid molecule of claim 76, which consists of at least 15 nucleotides.

79. (New) The isolated nucleic acid molecule of claim 76, which consists of at least 16 nucleotides.

80. (New) The isolated nucleic acid molecule of claim 76, which consists of at least 17 nucleotides.

81. (New) The isolated nucleic acid molecule of claim 76, which consists of at least 18 nucleotides.

82. (New) The isolated nucleic acid molecule of claim 76, which consists of at least 19 nucleotides.

83. (New) The isolated nucleic acid molecule of claim 76, which consists of at least 20 nucleotides.

84. (New) The isolated nucleic acid molecule of claim 76, which consists of at least 30 nucleotides.